

ABSTRACT OF THE DISCLOSURE

When a crank angle is controlled to stop at an optimal crank angle stop position by an engine automatic stop control, such as idling stop, or when the crank angle stop position can be estimated with high accuracy, the automatic engine restart is performed by a motor generator serving as an electric motor or an electric generator, at the next time of restarting of the engine. On the other hand, when the crank angle is not controlled to stop at the optimal crank angle stop position, when the crank angle stop position cannot be estimated with the high accuracy, or when the crank angle stop position changes after the stop control, the engine is restarted by a DC starter having an output torque larger than that of a motor generator, at the next time of restarting of the engine.